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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/512,962	02/25/2000	Thomas C. Terwilliger	S-91,732	7573

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EXAMINER

ART UNIT	PAPER NUMBER
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DATE MAILED: 08/25/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

**Notification of Non-Compliance
With 37 CFR 1.192(c)**

Application No.

09/512,962

Applicant(s)

TERWILLIGER, THOMAS C.

Examiner

Ardin Marschel

Art Unit

1631

--The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

The Appeal Brief filed on 04 June 2004 is defective for failure to comply with one or more provisions of 37 CFR 1.192(c). See MPEP § 1206.

To avoid dismissal of the appeal, applicant must file IN TRIPLICATE a complete new brief in compliance with 37 CFR 1.192(c) within the longest of any of the following three **TIME PERIODS**: (1) **ONE MONTH or THIRTY DAYS** from the mailing date of this Notification, whichever is longer; (2) **TWO MONTHS** from the date of the notice of appeal; or (3) within the period for reply to the action from which this appeal was taken. **EXTENSIONS OF THESE TIME PERIODS MAY BE GRANTED UNDER 37 CFR 1.136.**

1. ☒ The brief does not contain the items required under 37 CFR 1.192(c), or the items are not under the proper heading or in the proper order.
2. ☐ The brief does not contain a statement of the status of all claims, pending or cancelled, or does not identify the appealed claims (37 CFR 1.192(c)(3)).
3. ☐ At least one amendment has been filed subsequent to the final rejection, and the brief does not contain a statement of the status of each such amendment (37 CFR 1.192(c)(4)).
4. ☒ The brief does not contain a concise explanation of the claimed invention, referring to the specification by page and line number and to the drawing, if any, by reference characters (37 CFR 1.192(c)(5)).
5. ☐ The brief does not contain a concise statement of the issues presented for review (37 CFR 1.192(c)(6)).
6. ☐ A single ground of rejection has been applied to two or more claims in this application, and
 - (a) ☐ the brief omits the statement required by 37 CFR 1.192(c)(7) that one or more claims do not stand or fall together, yet presents arguments in support thereof in the argument section of the brief.
 - (b) ☐ the brief includes the statement required by 37 CFR 1.192(c)(7) that one or more claims do not stand or fall together, yet does not present arguments in support thereof in the argument section of the brief.
7. ☐ The brief does not present an argument under a separate heading for each issue on appeal (37 CFR 1.192(c)(8)).
8. ☐ The brief does not contain a correct copy of the appealed claims as an appendix thereto (37 CFR 1.192(c)(9)).
9. ☐ Other (including any explanation in support of the above items):

Item # 1: An appeal in copending serial no. 10/017,643 contains related issues.

Item # 4: Several significant limitations in the claims under appeal were not referred to in the specification regarding page and line numbers. For example, in lines 17-21 of the SUMMARY OF THE INVENTION the electron density value being less than a true value has not been found on cited page 15, line 16, through page 16, line 19, nor Figure 2, step 34. In said section, line 10, step 18022 seems incorrect. In said section no reference to LL... function as in step (g) of claim 10 has been found. Also, no reference to page and line no. is summarized regarding the limitations of instant claims 11-13.

Ardin Marschel 8/21/04
ARDIN M. MARSCHEL
ART UNIT 1631